

Thesis Title Bangkok Metropolis District Council Members' Knowledge, Awareness, and Participation in Solving Environmental Pollution Problems

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## ABSTRACT

The purpose of this research was to conduct a survey on knowledge, awareness, and participation in solving environmental pollution problems of District Council Members of the Bangkok Metropolis based on thier age, first occupation, educational level, responsible areas and the information follow-up on environmental pollution. Questionnaires were distributed to 249 District Council Members and data analyzed by using percentage, arithmetic mean, standard deviation, one-way analysis of variance, multiple comparision (LSD.'s test) mode and chi-square.

The results were as follows:

1. The Bangkok Metropolis District Council Members had knowledge on environmental pollution at medium level. There were also found that knowledge of District Council Members with different age, education level and follow-up the environmental pollution information were statistically significant at the 0.05 level. But it was found that there's no

statistically differences by first occupation and responsible areas at the 0.05 level.

2. The Bangkok Metropolis District Council Members had awareness on environmental pollution and found that the awareness in environmental pollution of District Council Members were not varied by age, first occupation, educational level, responsible areas and follow-up environmental pollution information at the 0.05 level of statistical significance.

3. Most of the District Council Members had a little participation (1-4 times/year) in solving environmental pollution problems, i.e. in water pollution: 40.4 % , air pollution: 40.1% , solid waste: 37.5% in the Bangkok Metropolis. But found that District Council Members with 35-44 years of age, college education, self-employed, responsibility in the inner areas and follow-up the information on environmental pollution (3-5 times/week) had a little participation in solving environmental pollution problems (1-4 times per year)

4. The suggestion for reducing environmental problems by the opinion of District Council Members regarding waste water were as follow: 24.9% suggested that regulations should be strongly exercised together with the law, interceptor & sewage treatment plant, tax, public relation campaign and provided community waste water disposal system. And for air pollution, 40.2% suggested that the law and regulations should also be exercised together with the public relation campaign, decrease leaded gasoline, more planting and managing new traffic system. For solid waste disposal problem, 29.7% suggested that there should be more NGOs cooperation, improved services rate, increasing workers and service trucks, solid waste treatment plants and public relation campaign.